

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): An information ~~reproduction~~ processing apparatus
connected with an external apparatus via a network, comprising:

~~transmission-reception~~ means for transmitting a request information requesting for a
page information ~~from an~~ to said external apparatus, ~~and;~~

means for receiving said page information and ~~prescribed content data included in~~
said page information, ~~said external apparatus being connected via a network, wherein the~~
page information includes an identification information corresponding to a content data, and
receiving said content data corresponding to said identification information included in said
page information;

~~content data acquisition~~ means for acquiring content data corresponding to a content
data acquisition request included in said page information received by said transmission
~~reception~~ means;

~~storage~~ means for storing said content data acquired received by said ~~content data~~
~~acquisition~~ means for receiving, based on said identification information independently of
said page information;

~~output~~ means for outputting the said content data acquired by said ~~content data~~
~~acquisition~~ means along with said page information; and

~~control~~ means for detecting whether ~~or not the content data corresponding to said~~
content data corresponding to said identification information acquisition request is registered
stored in said ~~storage~~ means for storing, and for controlling said ~~content data acquisition~~
~~means such that~~ for outputting to output said content data stored by said means for storing
when said content data is registered ~~said content data is acquired from~~ stored in said storage
means for storing, and controlling said means for receiving to receive by said content data

~~acquisition means, from the external apparatus and when said content data is not registered~~
~~stored in said storage means for storing said content data is acquired from said external~~
~~apparatus via said transmission reception means.~~

Claim 2 (Currently Amended): The information ~~reproduction~~ processing apparatus according to claim ~~[[1]]~~14, wherein said ~~control means~~ controller stores in said ~~storage means~~ memory the content data corresponding to the content data acquisition request included in said page information.

Claim 3 (Currently Amended): The information ~~reproduction~~ processing apparatus according to claim 2, wherein said ~~control means~~ controller stores in said ~~storage means~~ memory an image data associated with page information of a portal site.

Claim 4 (Currently Amended): The information ~~reproduction~~ processing apparatus according to claim 2, wherein said ~~control means~~ controller stores in said ~~storage means~~ memory a sound data associated with page information of a portal site.

Claim 5 (Currently Amended): The information ~~reproduction~~ processing apparatus according to claim ~~[[1]]~~14, wherein said ~~control means~~ controller stores in said ~~storage means~~ memory the content data that has been accessed more than a certain number of times.

Claim 6 (Currently Amended): The information ~~reproduction~~ processing apparatus according to claim ~~[[1]]~~14, wherein said ~~control means~~ controller removes from said ~~storage means~~ memory the content data that has been ~~relatively less~~ infrequently accessed.

Claim 7 (Currently Amended): The information ~~reproduction~~ processing apparatus according to claim 6, wherein said ~~control means~~ controller registers in said ~~storage means~~ memory an indicator showing importance of said content data along with said content data, and prevents said content data from being removed ~~in response to~~ based on said indicator of said content data regardless of a frequency of ~~playback~~ access of said content data.

Claim 8 (Currently Amended): The information ~~reproduction~~ processing apparatus according to claim ~~[[1]]~~ 14, wherein, when said ~~control means~~ controller receives compressed content data from said external apparatus, said ~~control means~~ controller registers in said ~~storage means~~ memory said content data in uncompressed format.

Claim 9 (Currently Amended): The information ~~reproduction~~ processing apparatus according to claim 8, wherein, when said ~~control means~~ controller receives the compressed content data with a certain attribute, said ~~control means~~ controller registers in said ~~storage means~~ memory said content data in uncompressed format.

Claim 10 (Currently Amended): The information ~~reproduction~~ processing apparatus according to claim ~~[[1]]~~ 14, wherein:

said ~~content data acquisition means~~ receiver ~~further including~~ includes ~~reproduction means for a content reproduction unit configured to reproduce~~ reproducing the content data ~~acquired-received~~; and

said ~~control means~~ controller converts the content data ~~acquired-received~~ from said external apparatus into a compression format corresponding to characteristics of said content reproduction means unit, and then ~~registers~~ stores said content data in said ~~storage means~~ memory.

Claim 11 (Currently Amended): The information reproduction apparatus according to claim ~~[[1]]~~ 14, wherein:

the page information received by said ~~transmission-reception means~~ receiver includes said content data acquisition request and Uniform Resource Locator (URL); and

said ~~control means~~ controller accesses, when the content data corresponding to said content data acquisition request is not ~~registered~~ stored in said ~~storage means~~ memory, said URL to acquire said content data from said external apparatus.

Claim 12 (Currently Amended): An information ~~reproduction~~ processing method comprising:

a transmission step of transmitting request information requesting page information from an external apparatus, said external apparatus being connected via a network;

a reception step of receiving from said external apparatus the page information requested by a process of said transmission step, said page information including a ~~content data-acquisition request~~ an identification information corresponding to a content data;

a detection step of detecting whether or not content data corresponding to said ~~content data-acquisition request~~ identification information is ~~registered~~ stored in a certain storage apparatus, said ~~content data-acquisition request~~ identification information being received by a process of said reception step;

an acquisition step of acquiring the content data such that when a ~~process of~~ said detection step detects that the content data corresponding to said ~~content data-acquisition request~~ identification information included in said page information is ~~registered~~ stored in said certain storage apparatus, said content data is acquired from said certain storage apparatus, and when ~~the process of~~ said detection step detects that said content data is not

~~registered~~ stored, the content data corresponding to said ~~content data acquisition request~~ identification information is acquired from said external apparatus;

a storage step of, when the process of said detection step detects that said content data is not ~~registered~~ stored, storing in said storage apparatus the content data acquired by a process of said acquisition step, based on said identification information independently of said page information; and

an output step of outputting the content data acquired by the process of said acquisition step along with said page information.

Claim 13 (Currently Amended): A computer-readable medium including computer executable instructions, wherein the instructions, when executed by a processor, cause the processor to perform a method comprising:

~~A program for causing a computer to execute:~~

a transmission step of transmitting request information requesting page information from an external apparatus, said external apparatus being connected via a network;

a reception step of receiving from said external apparatus the page information requested by a process of said transmission step, said page information including ~~a content data acquisition request~~ an identification information corresponding to a content data;

a detection step of detecting whether or not content data corresponding to said ~~content data acquisition request~~ identification information is ~~registered~~ stored in a certain storage apparatus, said ~~content data acquisition request~~ identification information being received by a process of said reception step;

an acquisition step of acquiring the content data such that when a ~~process of~~ said detection step detects that the content data corresponding to said ~~content data acquisition request~~ identification information included in said page information is ~~registered~~ stored in

said certain storage apparatus, said content data is acquired from said certain storage apparatus, and when ~~the process of~~ said detection step detects that said content data is not ~~registered~~ stored, the content data corresponding to said ~~content data acquisition request~~ identification information is acquired from said external apparatus;

a storage step of, when the process of said detection step detects that said content data is not ~~registered~~ stored, storing in said storage apparatus the content data acquired by a process of said acquisition step, based on said identification information independently of said page information; and

an output step of outputting the content data acquired by the process of said acquisition step along with said page information.

Claim 14 (New): An information processing apparatus connected with an external apparatus via a network, comprising:

a transmitter configured to transmit a request for a page information to said external apparatus;

a receiver configured to receive said page information, wherein the page information includes an identification information corresponding to a content data, and receive said content data corresponding to said identification information included in said page information;

a memory configured to store said content data received by said receiver, based on said identification information independently of said page information;

an interface configured to output said content data along with said page information;
and

a controller configured to detect whether said content data corresponding to said identification information is stored in said memory, and controlling said interface to output

said content data stored by said memory when said content data is stored in said memory, and
controlling said receiver to receive said content data from the external apparatus when said
content data is not stored in said memory.